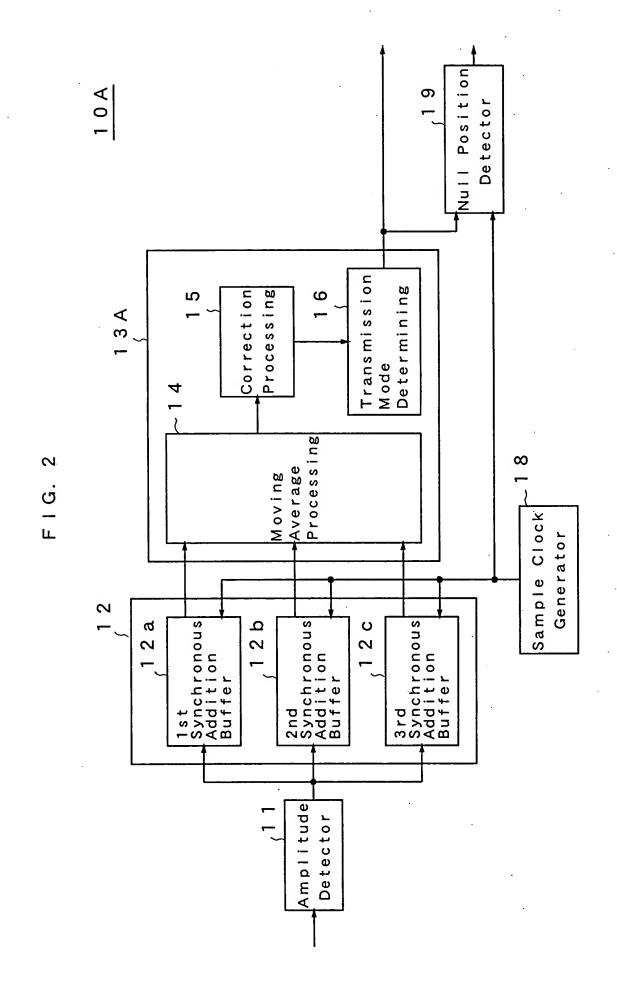
Signal Generator Synchronous FIG. 1 (PRIOR ART) Width Base Counter Width Evaluator  $\mathcal{S}$ Null Interval Intervai Width Counter Generator Detector Interval Clock Level



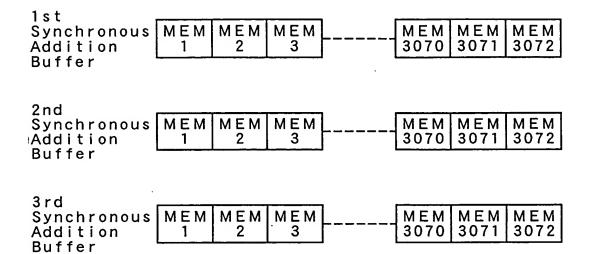
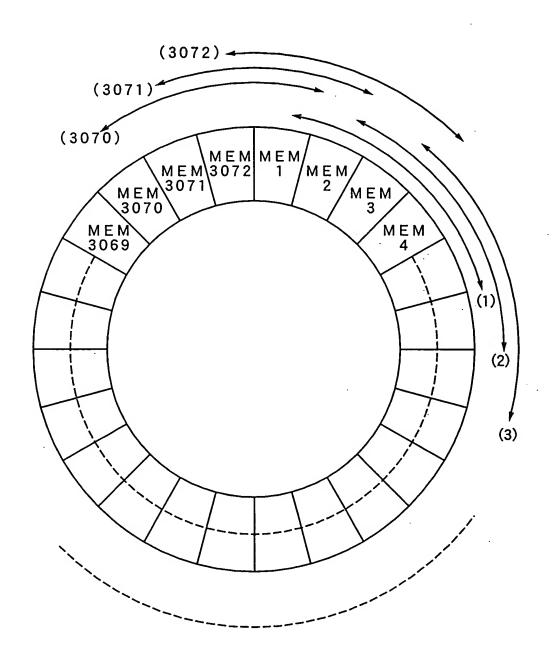


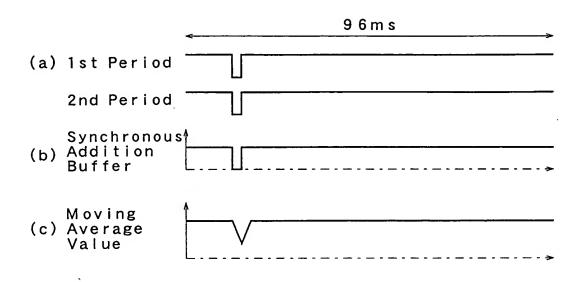
FIG. 4A

FIG. 4B

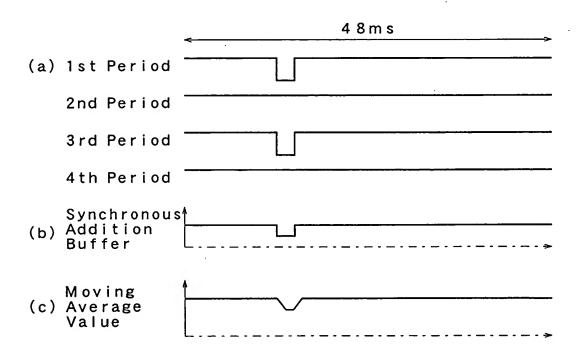


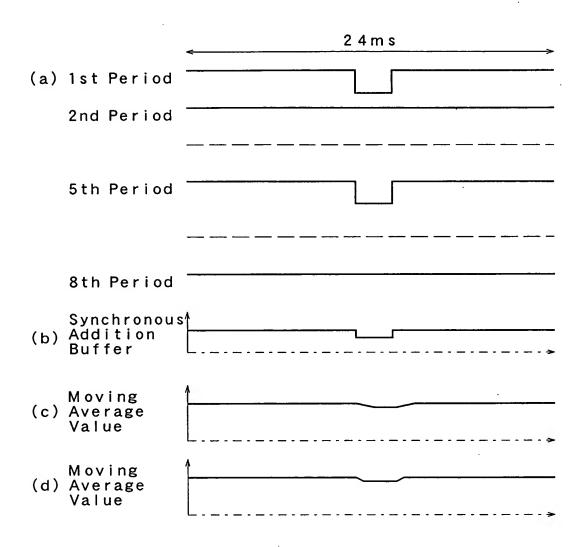
F I G. 5

	Mode 1	Mode 2	Mode 3	Mode 4
Null Symbol Period (msec)	9 6	2 4	2 4	4 8
Null Symbol Width (msec)	1.297	0.324	0.168	0.648
Moving Average Width (msec)	1.00	0.25	0.125	0.50
Number of Samples in the Moving Average Operation	3 2	3 2	1 6	3 2
Number of Samples in the Null Symbol Period	4 1	41.	2 1	4 1
Sampling Frequency (kHz)	3 2	1 2 8	128	6 4



F I G. 7





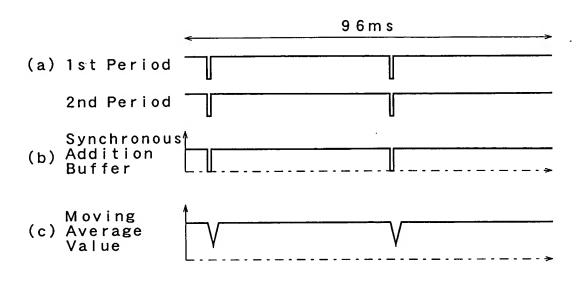


FIG. 10

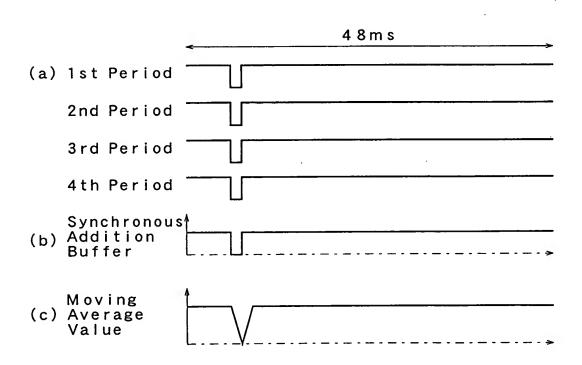
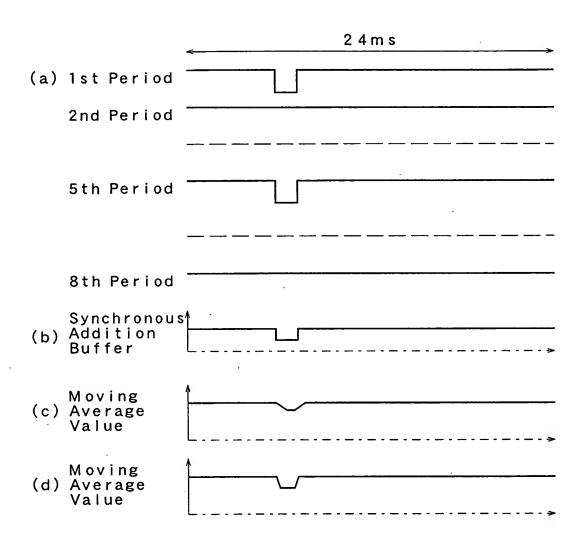


FIG. 11



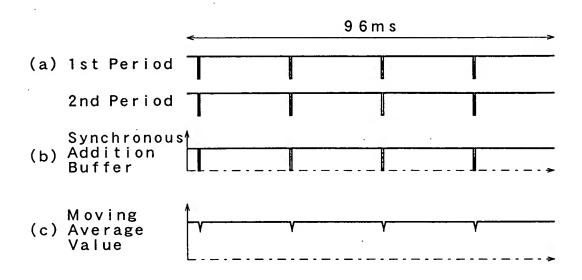


FIG. 13

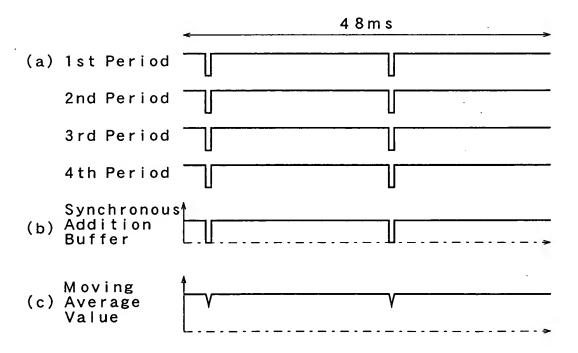
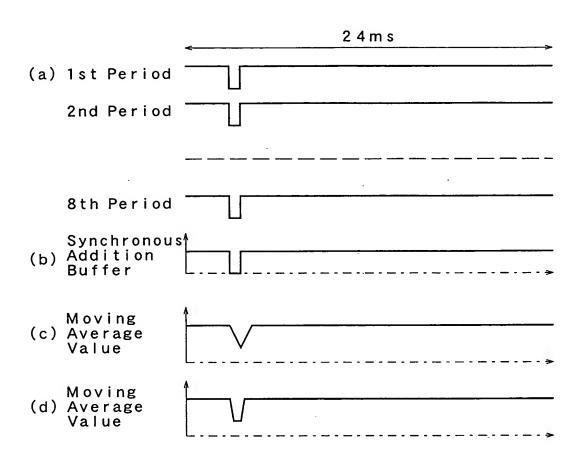


FIG. 14



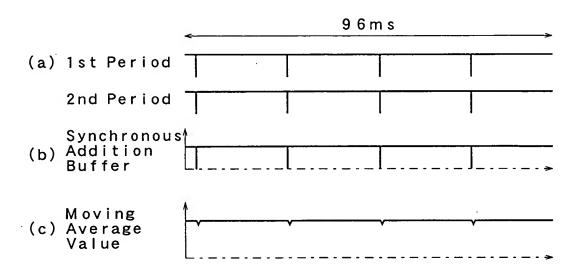
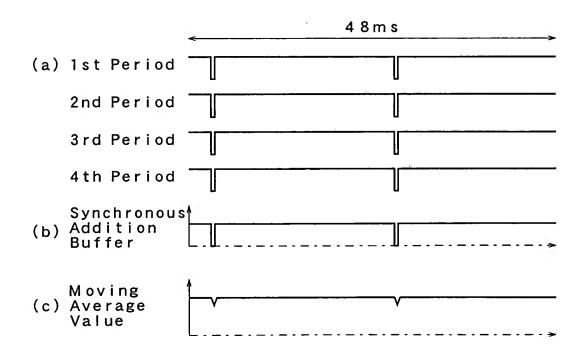
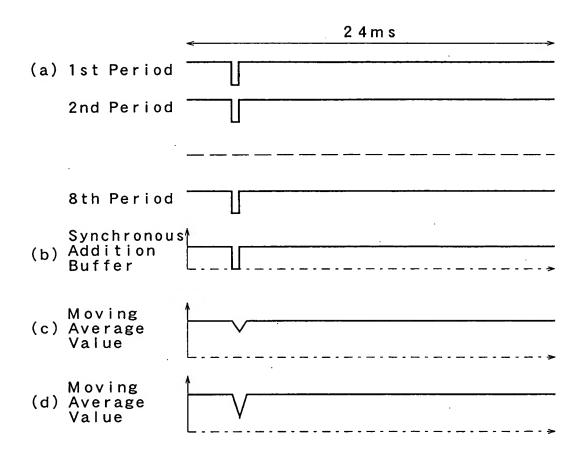


FIG. 16





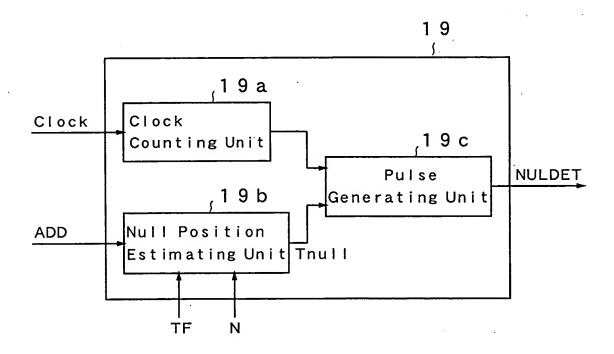
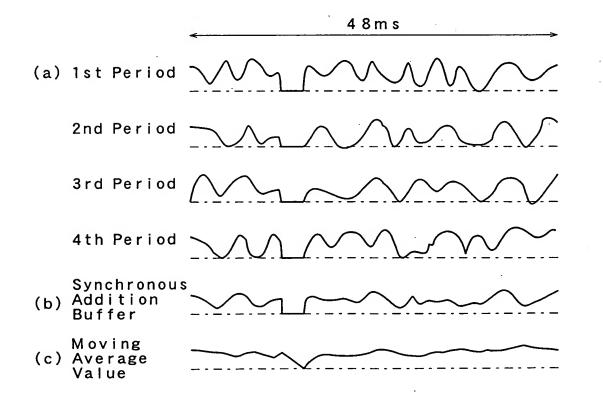


FIG. 19



F1G. 20